

SOLAR RADIO NOISE STORM AT 150.9 MHZ

FROM NANÇAY RADIOHELIOGRAPH

FEBRUARY 2011

	HELIOPHYSICS POSITIONS MEAN VALUES ¹		IMP ²	OBSERVING TIME ³	
DAY	E-W	S-N		START(UT)	END(UT)
08/02/11*	+1.19	+0.24	I	8H39 E	14H50
13/02/11*	-0.41	-0.27	III	8H34 E	15H35 D
13/02/11*	+0.08	-0.18	I	10H50	13H25
14/02/11*	-0.08	-0.14	III	8H39 E	15H35 D
15/02/11*	+0.37	-0.36	II	8H33 E	15H35 D
16/02/11*	+0.41	-0.22	III	8H57 E	15H35 D
16/02/11*	+0.70	-0.33	II	8H57 E	15H35 D
17/02/11*	-0.48	+0.43	I	8H41 E	15H35 D
17/02/11*	+0.84	-0.56	II	8H41 E	15H35 D
18/02/11*	+1.23	-0.41	II	8H44 E	15H35 D
19/02/11*	+0.28	+0.11	II	8H34 E	12H50
19/02/11*	+1.25	-0.64	II	8H34 E	15H35 D
20/02/11*	+1.28	-0.70	I	9H25 E	15H35 D
22/02/11*	+1.13	+0.23	I	8H46 E	15H35 D
23/02/11*	+1.27	-0.02	I	11H03	15H01

SOLAR RADIO NOISE STORM AT 327 MHZ

FROM NANÇAY RADIOHELIOGRAPH

FEBRUARY 2011

¹ POSITIVE E-W AND S-N COORDINATES CORRESPOND TO THE N-W QUADRANT

² IMP1: FLUX<5 SFU IMP2: 5<FLUX < 20 SFU IMP3: 20<FLUX <100 SFU

IMP4: 100< FLUX <300 SFU IMP5> 300 SFU

³ E NOISE STORM IN PROGRESS AT THE BEGINNING OF THE NANÇAY OBSERVATIONS

D NOISE STORM IN PROGRESS AT THE END OF THE NANÇAY OBSERVATIONS

	HELIOPHYSICS POSITIONS MEAN VALUES ¹		IMP ²	OBSERVING TIME ³	
DAY	E-W	S-N		START (UT)	END (UT)
01/02/11	-0.41	-0.38	I	8H33 E	15H35 D
02/02/11	-0.18	-0.37	I	8H33 E	12H29
08/02/11	+1.03	+0.37	I	10H20	15H35 D
13/02/11	-0.26	-0.27	I	8H34 E	15H35 D
13/02/11	+0.05	-0.25	I	8H34 E	15H35 D
14/02/11	-0.03	-0.19	II	8H39 E	15H35 D
14/02/11	+0.21	-0.26	II	8H39 E	15H35 D
15/02/11	+0.38	-0.39	I	8H33 E	15H35 D
16/02/11	+0.40	-0.32	I	8H57 E	15H35 D
16/02/11	+0.65	-0.25	I	8H57 E	15H35 D
17/02/11	-0.49	+0.37	I	8H41 E	15H35 D
17/02/11	+0.62	-0.20	I	8H41 E	15H35 D
17/02/11	+0.94	-0.30	I	8H41 E	15H35 D
18/02/11	+0.04	+0.38	I	8H44 E	15H35 D
18/02/11	+1.06	-0.50	I	8H44 E	15H35 D
19/02/11	+0.31	+0.30	II	8H34 E	15H35 D
20/02/11	+0.59	+0.28	I	9H25 E	15H35 D
21/02/11	+0.94	+0.24	I	9H04 E	15H35 D
22/02/11	+0.99	+0.38	I	8H46 E	15H35 D
23/02/11	+1.10	+0.10	II	8H32 E	15H34 D

OTHERS DAYS: NO DETECTABLE NOISE STORM

- For the days marked by an asterisk, intense ionospheric gravity waves are observed during the whole day. Without a mode detailed analysis leadind to increase uncertainties in the deviation , the positions which are indicated are estimated within 0.2 R

** Following a large burst

*** importance not well determined due to the proximity off the very strong other source

**** no flux measurements available

